

# AFL3-W22C-ADLP

21.5" Fanless Panel PC with Intel® Alder Lake P



## Features

- » 12th Gen Intel® Core™ Mobile i7/i5/i3 Processors
- » Full HD capacitive touch screen
- » Anti-AG and Anti-UV PCAP
- » one E-Window that supports additional connector interface.
- » Support WiFi 6E and Bluetooth5.2

## Specifications

|                          |   |
|--------------------------|---|
| System                   |   |
| CPU                      | 12th Gen Intel® Core™ Mobile i7/i5/i3 Processors (Alder Lake-P)   |
| Memory Ext.              | Two 260-pin 3200 MHz dual-Channel DDR4 SO-DIMM<br>(8G Pre-installed) (max. 64GB)  |
| Storage                  | 1 x 2.5" SATA HDD bay   |
| Communication            |   |
| Wireless                 | IEEE 802.11ax 2T2R module (Wi-Fi 6E) with BT v5.2 (M.2 2230 E-key)  |
| I/O Interface            |   |
| Ethernet                 | LAN1: Intel® I226 LM(support Intel AMT)<br>LAN2: Intel® I226V   |
| Audio                    | AMP 3W + 3W (internal speaker)  |
| Expansion                | 2 x M.2 2280 M-key (PCIe Gen 4 x4)<br>1 x M.2 B KEY (PCIe x1 or SATA) for IPMI<br>1 x M.2 2230 E Key Slot support Vpro (PCIe 3.0 x1 + USB2.0 x1 + CNVI) |
| Audio Codec              | ALC888S   |
| Power                    |   |
| Power Supply             | 12V DC  |
| Environment              |   |
| Operating Temperature    | 0°C ~ 50°C (50°C @90RH, ambient with air flow)  |
| Safety & EMC             | CE, FCC (Class A) , UKCA  |
| Humidity                 | 10% ~ 90% (non-condensing)  |
| Storage Temperature      | -20°C ~ 60°C  |
| IP Level                 | IP 64 compliant front panel   |
| Physical Characteristics |   |
| Color                    | Black   |
| Mounting                 | Panel, Wall, Stand and Arm VESA 75 /100mm   |
| Construction Front Panel | PC + ABS Plastic  |
| LCD                      |   |
| Size                     | 21.5"   |
| Resolution               | 1920 x 1080 (16:9)  |
| Brightness (cd/m2)       | 350 cd/m <sup>2</sup>   |
| Contrast Ratio           | 1000 : 1  |
| Viewing Angle (H-V)      | 178°/178°   |
| Backlight MTBF           | 50000 hours   |
| Touch                    |   |

|                  |  |
|------------------|--|
| Touch Screen     | PCAP with USB interface (anti-UV/AR coating) |
| Touch Controller | EXC3160                                      |
| I/O Interface    |  |
| I/O Interface    | 1 x RS-232 (by DB9)                          |
|                  | 1 x RS-232/422/485 (by DB9)                  |
|                  | 4 x USB 3.2 Gen1x1 (Type-A (5Gb/s))          |
|                  | 1 x HDMI™ (2.0 (up to 3840*2160 @60Hz))      |
|                  | 2 x LAN (Intel® I226V 2.5GbE controller)     |
|                  | 1 x Reset Button                             |
|                  | 1 x AT/ATX switch                            |
|                  | 1 x Clear CMOS Button                        |

## Ordering Information

|                          |  |
|--------------------------|--|
| AFL3-W22C-ADLP-i7/8G-R11 | Wide 21.5" 350cd/m <sup>2</sup> 1920x1080 Panel PC with 12th Generation Intel® Core™ i7-1260P on-board processor, PCAP touch, 2M camera, microphone, 1x8GB DDR4 RAM, with AG, RoHS,R11 |
| AFL3-W22C-ADLP-i5/8G-R11 | Wide 21.5" 350cd/m <sup>2</sup> 1920x1080 Panel PC with 12th Generation Intel® Core™ i5-1240P on-board processor, PCAP touch, 2M camera, microphone, 1x8GB DDR4 RAM, with AG, RoHS,R11 |
| AFL3-W22C-ADLP-i3/8G-R11 | Wide 21.5" 350cd/m <sup>2</sup> 1920x1080 Panel PC with 12th Generation Intel® Core™ i3-1220P on-board processor, PCAP touch, 2M camera, microphone, 1x8GB DDR4 RAM, with AG, RoHS,R11 |

## Packing List

|                    |                |
|--------------------|----------------|
| 1 x AFL3-W22C-ADLP | 1 x Power Cord |
| 1 x Power Adapter  | 1 x QIG        |